

IN THE SPECIFICATION

Please amend the paragraph at page 1, lines 22-25, as follows:

The use of the MPEG2 compression scheme can realize high compression efficiency and favorable image quality by assigning a code amount (bit rate), for example, of 4 - 8 Mbps for a standard-resolution interlaced scanning image having 720 × 480 pixels or of 18 - 22 Mbps for a high-resolution interlaced scanning image having 1920 × 1088 1080 pixels.

Please amend the paragraph at page 19, line 22, as follows:

The rate control circuit 32 uses different values 0 – ~~[[52]]~~ 51 as the quantizing parameter QP.

Please amend the paragraph at page 20, lines 28-29, as follows:

The avg_act in the following ~~(3-4)~~ (3-5) is a mean value of act_j in the pictures coded immediately before.

Please amend the paragraph on page 15, line 22, as follows:

$$\text{act}_j = 1 + \frac{\min}{\text{sbk}=1,8} (\text{var_sbk}) \quad \underline{\text{act}_j = 1 + \frac{\min}{\text{sbk}=1,8} (\text{var_sbk})} \quad \cdots (2-17)$$

Please amend the paragraph on page 15, line 23, as follows:

$$\text{var_sbk} = \frac{1}{64} \sum_{K=1}^{64} (P_k - \bar{P})^2 \quad \underline{\text{var_sbk} = \frac{1}{64} \sum_{K=1}^{64} (P_k - \bar{P})^2} \quad \cdots (2-18)$$

Please amend the paragraph on page 20, line 20, as follows:

$$\text{var_sbk} = \frac{1}{64} \sum_{K=1}^{64} (P_k - \bar{P})^2 \quad \underline{\text{var_sbk} = \frac{1}{64} \sum_{K=1}^{64} (P_k - \bar{P})^2} \quad \cdots (3-2)$$

Please amend the paragraph on page 20, line 25, as follows:

$$\cancel{act_j = 1 + \frac{\min}{sblk=1,4} (var_sblk)} \quad \underline{act_j = 1 + \frac{\min}{sblk=1,4} (var_sblk)} \quad \cdots (3-4)$$

Please amend the paragraph on page 23, line 25, as follows:

$$\cancel{act_j = 1 + var_sblk} \quad \underline{act_j = 1 + var_sblk} \quad \cdots (3-7)$$

Please amend the paragraph on page 23, line 26, as follows:

$$\cancel{var_sblk = \frac{1}{256} \sum_{K=1}^{256} (P_K - \bar{P})^2} \quad \underline{var_sblk = \frac{1}{256} \sum_{K=1}^{256} (P_K - \bar{P})^2} \quad \cdots (3-8)$$

Please amend the paragraph on page 24, line 31, as follows:

$$\cancel{act_j = 1 + \frac{\min}{sblk=1,16} (var_sblk)} \quad \underline{act_j = 1 + \frac{\min}{sblk=1,16} (var_sblk)} \quad \cdots (3-10)$$

Please amend the paragraph on page 25, line 4, as follows:

$$\cancel{act_j = 1 + \frac{\min}{sblk=1,4} (var_sblk)} \quad \underline{act_j = 1 + \frac{\min}{sblk=1,4} (var_sblk)} \quad \cdots (3-11)$$